

Name of work:-Construction of New Court Complex at Kangari Distt Mandi H.P

MUCK MANAGEMENT PLAN (MMP)

1	Total quantity of muck being produced	96034.00 Cum
2	Deduction of useful stone as required under the clause of agreement to be executed by the contractor and Executive Engineer of project	16005.67 Cum
3	Net balance quantity of debris/muck (1-2) (A)	80028.33 Cum A
4	Quantity available on site with swell factor @ 40% (1.40x A)	112039.67 Cum B
5	Material/muck used in the project -	
	(i) Deduction for material required for the construction of dumping place in dry masonry/edge wall @ 5% of B	5601.98 Cum
	(ii) Less material/muck required for levelling of proposed road for the construction @ 15% of B	16805.95 Cum
	(iii) Less material/muck required for the construction of proposed road on the analogy of half cutting and half filling @ 30% of B	33611.90 Cum
	Total:- 5(i)+(ii)+(iii)	56019.83 Cum C
6	Net Material/Muck to be dumped in dumping site (B-C)	56019.83 Cum D
7	Proposed dumping Sites:-	

Material/Muck left at the site which required carriage for the proper dumping at the recognised site as per instructions of Forest and environment Ministry reinforced by the various judgments of the Apex Court/Govt of India

DUMPING CAPACITY PLAN

Sr. No.	Dumping Site No.	Kharsa No.	Average Length & width		Design annexed yes/No	Capacity Cum		
1	i	10/8/3/2	68.35 x 42.25 =	2888	Yes	68.35 x 42.25 x 7.20 =	20792	Cum
2	ii	10/8/3/2	113.00 x 15.00 =	1695	Yes	113.00 x 15.00 x 4.80 =	5136	Cum
			54.00 x 8.50 =	459		54.00 x 8.50 x 4.80 =	2200	
3	i	10/8/3/2	116.00 x 19.83 =	2300	Yes	116.00 x 19.83 x 4.80 =	11043	Cum
			27.50 x 7.75 =	213		27.50 x 7.75 x 4.80 =	1023	
			31.50 x 8.75 =	276		31.50 x 8.75 x 4.80 =	1323	
4	i	10/8/3/2	91.35 x 34.80 =	3179	Yes	91.35 x 34.80 x 3.60 =	11444	Cum
			32.95 x 30.05 =	990		32.95 x 30.05 x 3.60 =	3565	
				12000.00 sqm	Total :-		59529	Cum

District & Sessions Judge,
Mandi, Distt. Mandi (H.P.)

Executive Engineer
Mandi Division No. 1
H.P.P.W.D. Mandi.

DETAIL OF MEASUREMENT

Name of Work:- Proposed New Court Complex at Kangani Dhar Mandi H.P.

Sr. No.	Description of Item	Nos.	L	W	Ht./Dpt h	Qty.	
1	Earth cutting						
	Block No.-1,2,3	1/2.	150	27	11	22275	Cum
	Block No.-4	1/2.	66.00	18.00	7.00	4158	Cum
	Block No.-5,6	1/2.	137.5	20	8	11000	Cum
	Block No.-7	1/2.	70	15	4	2100	Cum
	Block No.-8,9	1/2.	281.25	20	8	22500	Cum
	Block No.-10	1/2.	140	20	6	8400	Cum
	Block No.-11	1/2.	30	30	9	4050	Cum
	Block No.-12	1/2.	66	17	8	4488	Cum
	Block No.-13	1/2.	35	15	3	787.5	Cum
	Block No.-14	1/2.	70	30	8	8400	Cum
	Main road cutting	1/2.	1200	3.5	3	6300	Cum
	Link road to Sabji Mandi	1/2.	300	3.5	3	1575	Cum
	Total:-					96034	Cum

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District & Sessions Judge,
Mandi, Distt. Mandi (H.P.)

CONSTRUCTION OF NEW COURT COMPLEX AT KANGNI DISTT. MANDI
(H.P.)

File No -
Date of Proposal -

RECLAMATION PLAN FOR MUCK DUMPING


Name of Work - CONSTRUCTION OF NEW COURT COMPLEX AT KANGNI To BE
CONSTRUCTED IN DISTRICT MANDI STATE HIMACHAL PRADESH


Dumping site 1, 2, 3 & 4 in Khasra No. 10/8/3/2 the muck debris excavated during the CONSTRUCTION OF NEW COURT COMPLEX AT KANGNI DISTT. MANDI (H.P.) will be 560*9.83 Cum. After leveling dumping site will be rehabilitated by planting DBL plants. The reclamation plan for the dumping sites is prepared as under -

Year	Area in Hect.	Rate/Hect.	Total Amount
0th year (plantation Fencing)	1.2000 Hect.	60150.00	72180.00
1st year Maint.	1.2000 Hect.	6350.00	7620.00
2nd year Maint.	1.2000 Hect.	4300.00	5160.00
3rd year Maint.	1.2000 Hect.	2250.00	2700.00
4th year Maint.	1.2000 Hect.	2250.00	2700.00
5th year Maint.	1.2000 Hect.	2250.00	2700.00
6th year Maint.	1.2000 Hect.	2250.00	2700.00
7th year Maint.	1.2000 Hect.	2250.00	2700.00
8th year Maint.	1.2000 Hect.	2250.00	2700.00
9th year Maint.	1.2000 Hect.	2250.00	2700.00
10th year Maint.	1.2000 Hect.	2250.00	2700.00
Total C.A. Scheme			106560.00

Muck Dumping Certificate -

It is certified that there is no trees / shrub growth on the proposed land for dumping site. It is also certified that the said area will be developed by user agency on their cost.


District & Sessions Judge,
Mandi, Distt. Mandi (H.P.)


Executive Engineer
Mandi Division No. 4
H.P. P.W.D. Mandi

ABSTRACT OF COST
Name of work:-Construction of New Court Complex at Kangani Distt. Mandi H.P.

SH:- Construction of Dumping sites)

Sr.No.	Description of Item	Qty.	unit	Labour Rate	Amount	Through Rate	Amount
1	Earth work in excavation for structure as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto a lead of 50.00 mtr., dressing of sides and bottoms and back filling in trenches with excavated suitable materials. Ordinary soil upto 3.00 metres depth.	1139.44	Per Cum	128.15	146020.00	128.15	146020.00
	Providing and laying boulder apron laid in wire crates with 4 mm dia G.I. wire conforming to IS: 280 and IS: 4826 in 100x100 mm mesh (woven diagonally) including ten percent extra for laps and joint laid with stone boulders weighting not less than 25 kg each as per drawing and technical specification clause 1301.	4620.89	Per Trm	125.15	578304.00	1458.40	6732103.00
	Total				724324.00		6885123.00


District & Sessions Judge,
Mandi, Distt. Mandi (H.P.)


Executive Engineer
Mandi Division No. II
HPPWD Mandi

Detail of Measurement

Name of work:-Construction of New Court Complex at Kangani Distt. Mandi H.P.

SH:- Construction of Dumping sites)

Sr.No.	Description	No.	Length	Breadth	H/D	Qty.	
1	Earthwork in excavation for structures as per drawing and technical specification clause 3.05.1						
	Dumping 1	1	83.70	2.70	0.80-1.30/2	247.48	Cum
	Dumping 2	1	113.00	2.1	0.80-1.14/2	230.88	Cum
		1	54.00	2.1	0.80-1.14/2	113.00	Cum
	Dumping 3	1	116.00	2.1	0.80-1.14/2	236.29	Cum
		1	31.90	2.1	0.80-1.14/2	84.17	Cum
		1	27.50	2.1	0.80-1.14/2	66.21	Cum
	Dumping 4						
		1	100.90	1.8	0.80-0.50/2	145.13	Cum
		1	35.00	1.8	0.80-0.50/3	50.29	Cum
					Total	1139.44	Cum
2	Providing and laying of couler apron and in wire cretes with 4mm diameter B. wire						
	Dumping 1						
	1st step	1	83.70	2.70	1.20	274.19	Cum
	2nd step	1	83.70	2.40	1.20	241.89	Cum
	3rd step	1	83.70	2.10	1.20	210.92	Cum
	4th step	1	83.70	1.80	1.20	180.79	Cum
	5th step	1	83.70	1.5	1.20	150.66	Cum
	6th step	1	83.70	1.2	1.20	120.53	Cum
	Dumping 2						
	1st step	1	113.00	2.10	1.20	264.78	Cum
	2nd step	1	113.00	1.80	1.20	244.08	Cum
	3rd step	1	113.00	1.5	1.20	203.40	Cum
	4th step	1	113.00	1.2	1.20	162.72	Cum
	1st step	1	54.00	2.10	1.20	135.06	Cum
	2nd step	1	54.00	1.80	1.20	116.64	Cum
	3rd step	1	54.00	1.5	1.20	97.20	Cum
	4th step	1	54.00	1.2	1.20	77.76	Cum
	Dumping 3						
	1st step	1	116.00	2.10	1.20	292.32	Cum
	2nd step	1	116.00	1.80	1.20	250.56	Cum
	3rd step	1	116.00	1.5	1.20	208.80	Cum
	4th step	1	116.00	1.2	1.20	167.04	Cum
	1st step	1	31.90	2.10	1.20	79.35	Cum
	2nd step	1	31.90	1.80	1.20	68.24	Cum
	3rd step	1	31.90	1.5	1.20	56.70	Cum
	4th step	1	31.90	1.2	1.20	45.26	Cum
	1st step	1	27.50	2.10	1.20	69.31	Cum
	2nd step	1	27.50	1.80	1.20	59.40	Cum


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 Mandi, Distt. Mandi (H.P.)

	2nd step	1	27.50	1.5	1.20	49.50	Cum
	3rd step	1	27.50	1.2	1.20	39.60	Cum
Dumping :-							
	1st step	1	101.50	1.80	1.20	119.24	Cum
	2nd step	1	101.50	1.5	1.20	182.70	Cum
	3rd step	1	101.50	1.2	1.20	146.16	Cum
	1st step	1	35.00	1.80	1.20	75.60	Cum
	2nd step	1	35.00	1.5	1.20	63.00	Cum
	3rd step	1	35.00	1.2	1.20	50.40	Cum
	Total:-					4620.89	Cum

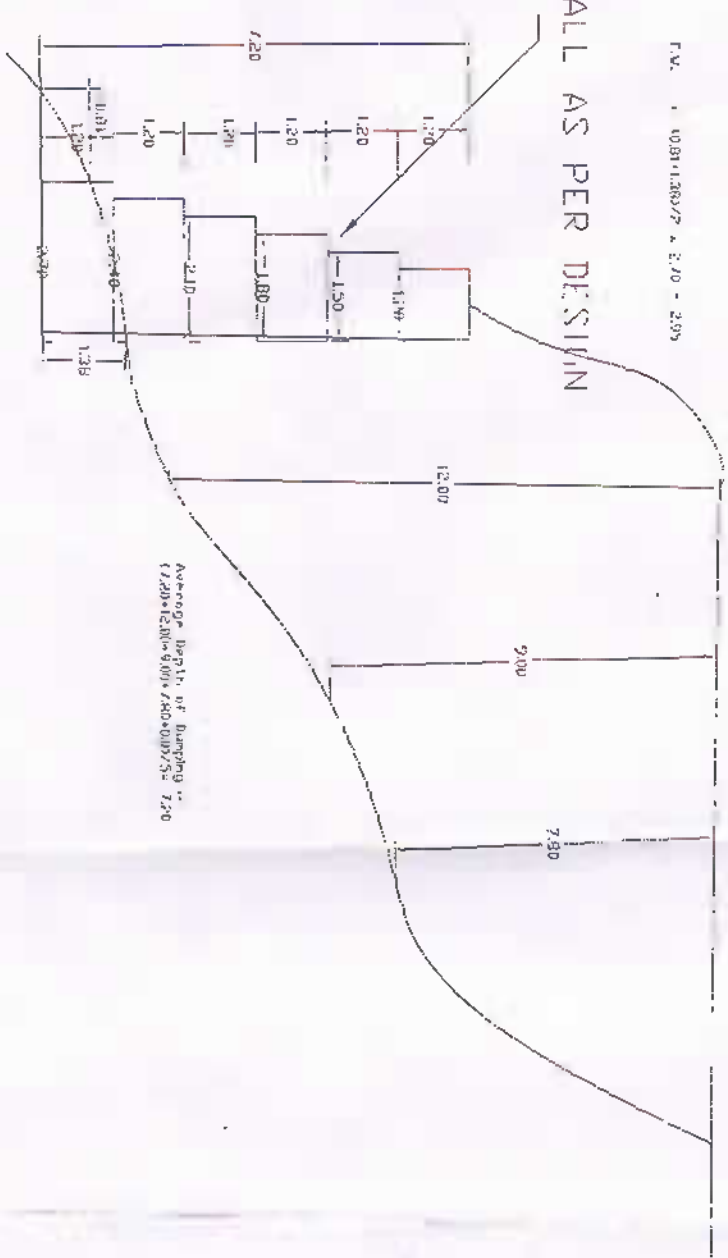
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 District & Sessions Judge,
 Mandi, Distt. Mandi (H.P.)

NAML OF WORK : - PROPOSED NEW CHHTRI CHIMPLIX AI KANGANI DHAR
MANDI H.P.

WIRE CRATED R/WALL AS PER DESIGN

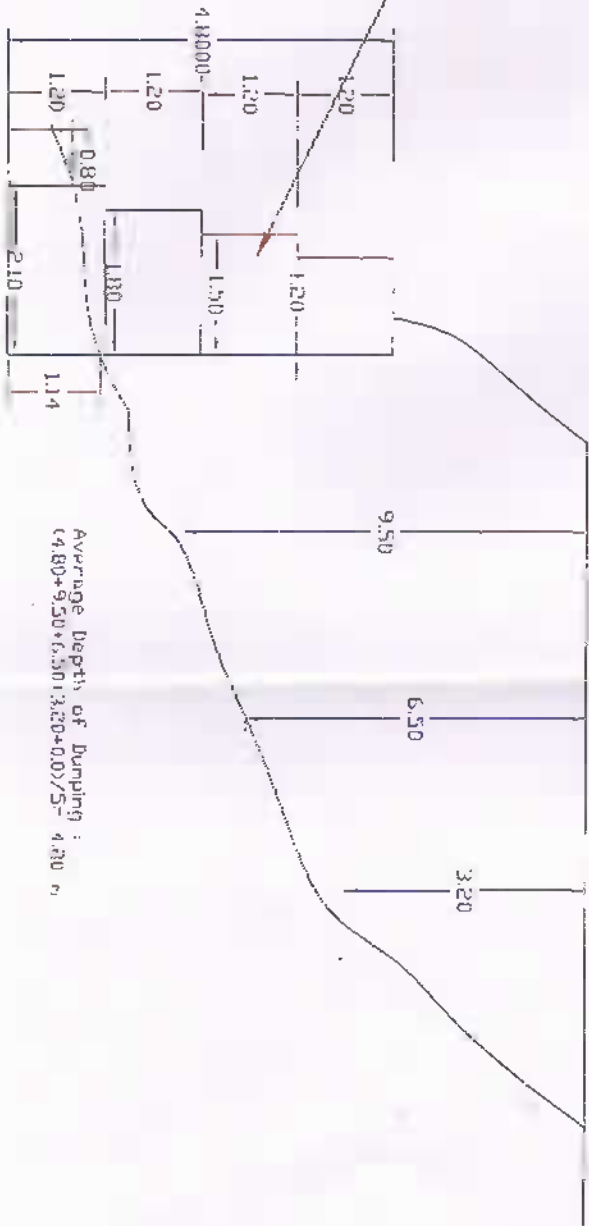
R.W. = 10.81+1.80/2 * 2.70 = 2.95



X SEC DUMPING SITE - 1

District Sessions Judge,
Mandi, Dist. Mandi (H.P.)

NAME OF WORK : PROPOSED NEW COURT COMPLEX AT KANGANI DHAR
 MANDI I.P.
 WIRE CRATED R/WALL AS PER DESIGN



District Sessions Judge,
 Mandi, Distt. Mandi (H.P.)

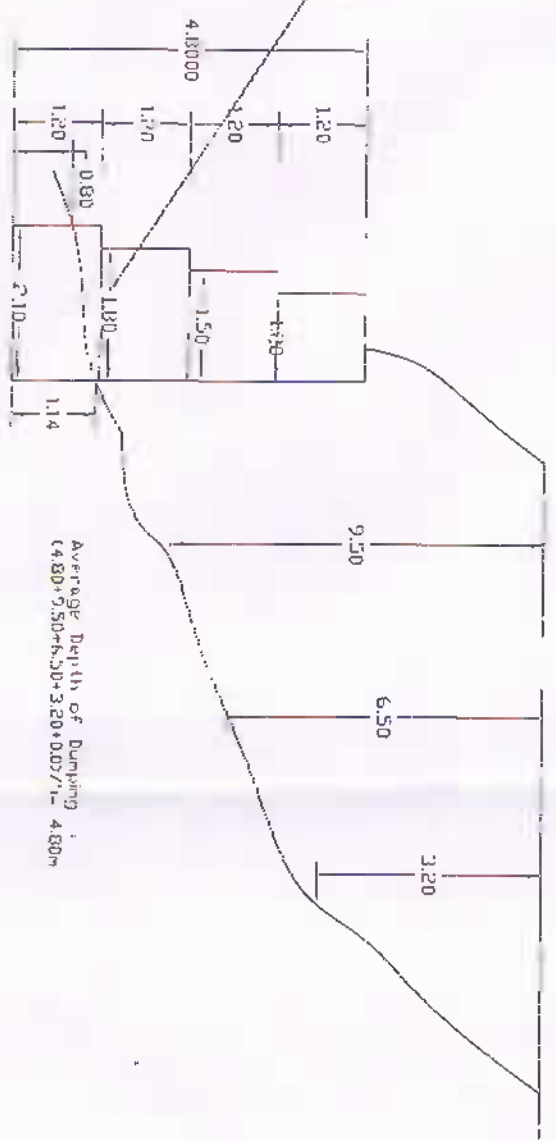
Case No. 1000/1985-2017E - 2017

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NAME OF WORK :- PROPOSED NEW COURT COMPLEX AT KANGANI DHAR
MANDI H.P.

WIRE CRATED R/WALL AS PER DESIGN

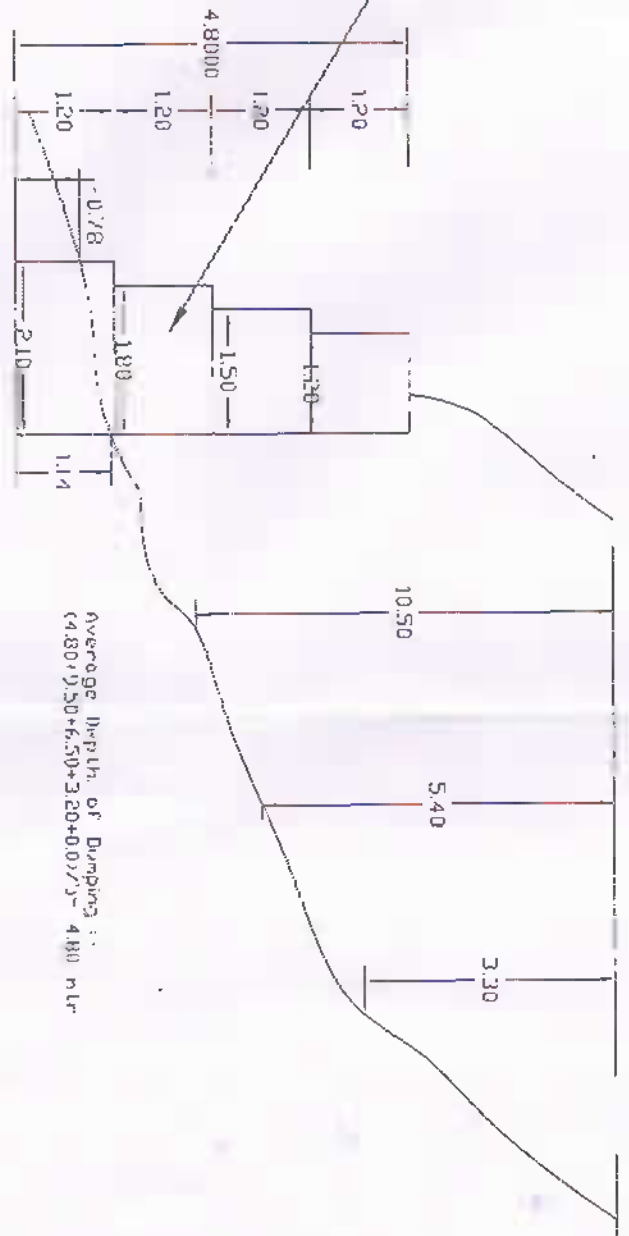


X- S/C DUMPING SITE-2 (II)

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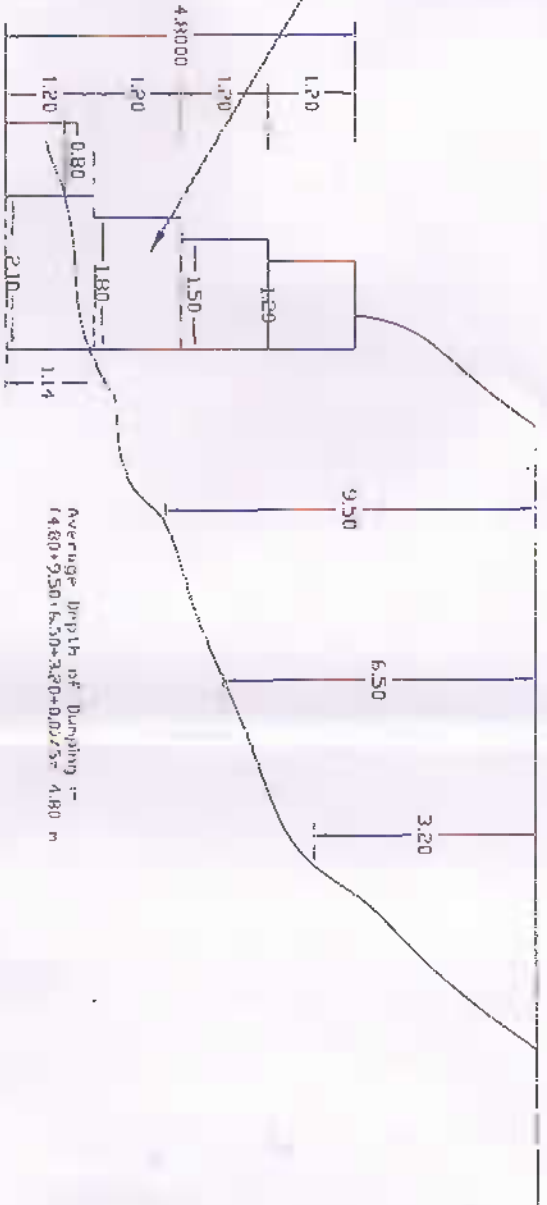
NAME OF WORK :- PROPOSED NEW COURT COMPLEX AT KANGANI DIHAR
 MANDI H.P.
 WIRE CRATED R/WALL AS PER DESIGN



District Sessions Judge,
 Mandi, Distt. Mandi (H.P.)

X- SEC DUMPING SITE 3 (II)

NAMT OF WORK :- PROPOSED NEW CHURI COMPLEX AT KANGANI DHAR
 MANDI H.P.
 WIRE CRATED R/WALL AS PER DESIGN



District & Sessions Judge,
 Mandi, Distt. Mandi (H.P.)

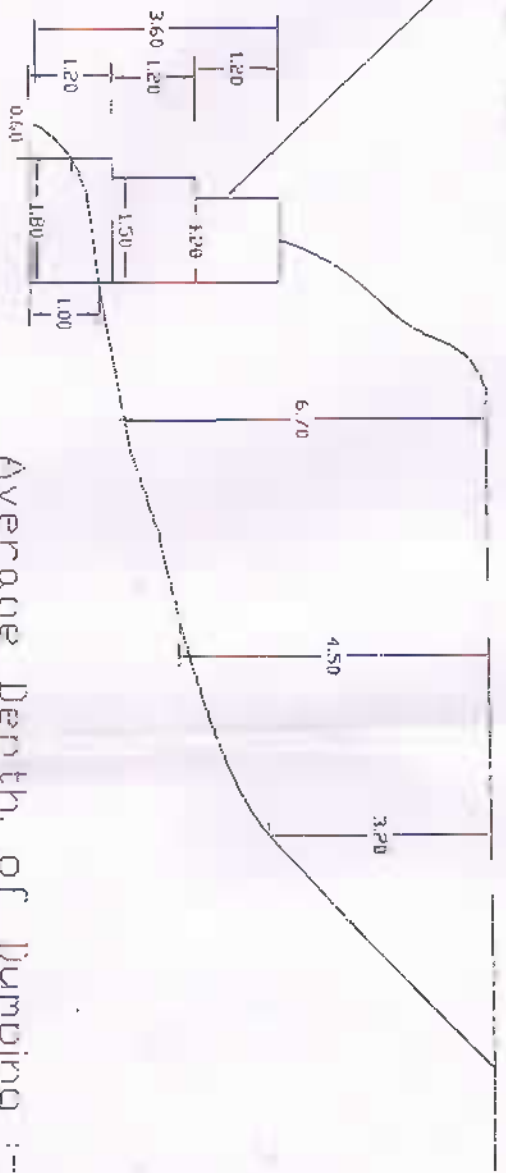
X - SEC DUMPING SITE - 3(III)

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NAME OF WORK :- PROPOSED NEW COURT COMPLEX AT KANGANI DHAR
MANDI H.P.

WIRE CRATED R/WALL AS PER DESIGN



Average Depth. of Dumping :-
 $(3.60 + 6.70 + 4.50 + 3.20 + 0.00) / 5 = 3.60 \text{ m}$

Sesshaan Judge,
District & Sessions Judge,
Mandi, Distt. Mandi (H.P.)

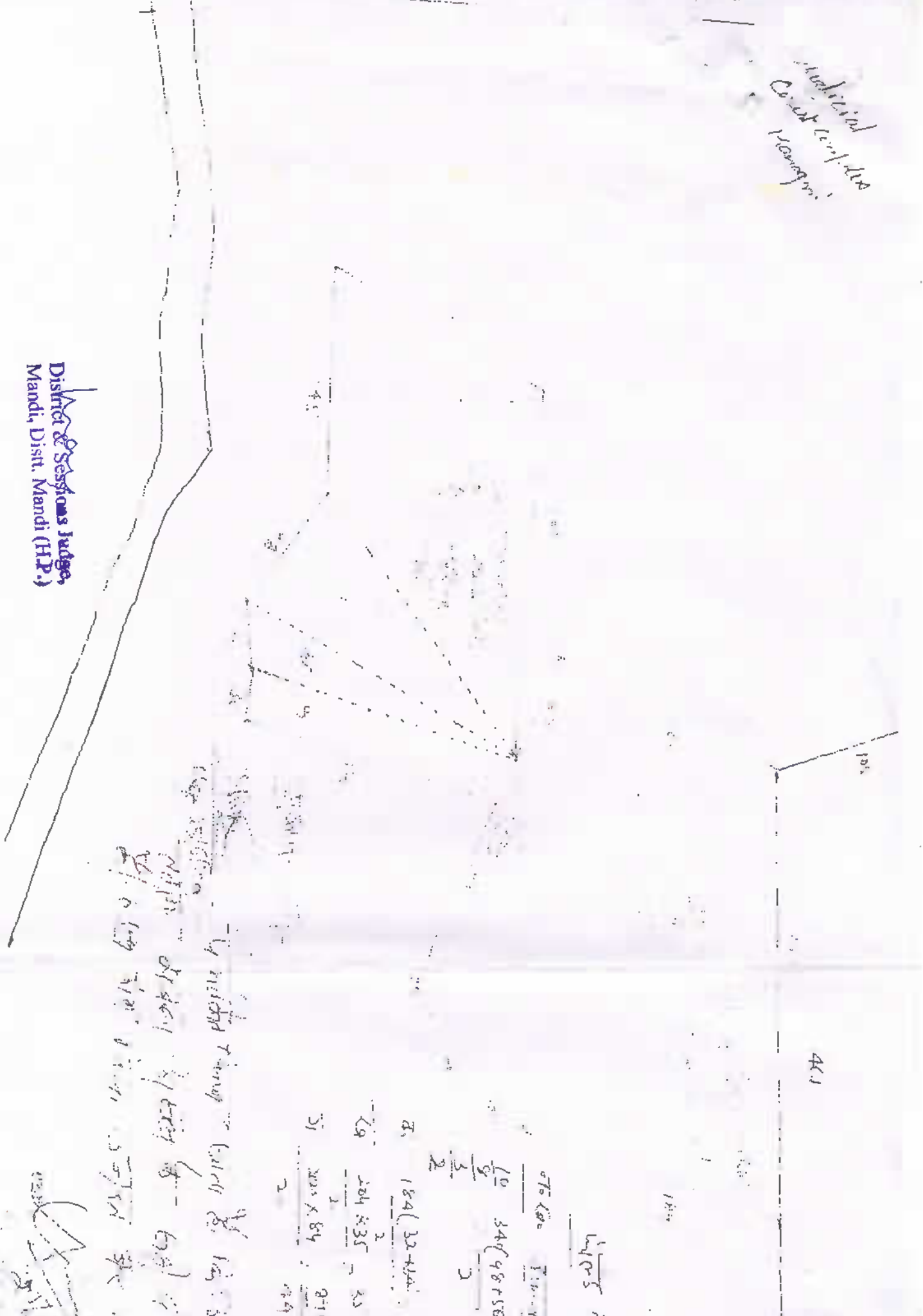
X - SEC DUMPING SITE - 4

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Judicial
Court Complex
Hannam

District & Sessions Judge,
Mandi, Distt. Mandi (H.P.)



By witness testimony...
Mandi...
...

$$\frac{10}{8} \quad \frac{340(48+56)}{2}$$

$$\frac{3}{2}$$

$$A_1 \quad \frac{184(32+44)}{2}$$

$$A_2 \quad \frac{204 \times 35}{2}$$

$$S_1 \quad \frac{205 \times 84}{2}$$

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